

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	("4737051" "4818723" "4966868" "5364817" "5427981").PN. OR ("5645887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 11:17
L2	17	("5427981").URPN.	USPAT	OR	ON	2008/01/17 11:19
L3	16	("5633189").URPN.	USPAT	OR	ON	2008/01/17 11:20
L4	11	("5308795" "5404029" "5441914" "5464790" "5578836" "5602053" "5633189" "5770885" "6124194").PN. OR ("6455435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 11:21
L5	40	("5099305" "5111355" "5187638" "5227855" "5293510" "5369296" "5381302" "5424238" "5443688" "5452178" "5561307" "5612082" "5645887" "5654207" "5665628" "5674787" "5688724" "6147408" "6214728" "6291250").PN. OR ("6455424").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 11:27
L6	1125	205/105-125.ccls. and plat\$3 with(via hole aperture open\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/17 12:14
L7	369	205/105-125.ccls. and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and electroless with plat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/17 13:21
L8	18	("4443304" "4861425" "5194137" "5316788").PN. OR ("5672260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 12:25
L9	18	("4289834" "5207103" "5316788" "5609704" "5634268" "5656550" "5672260" "5838160" "5872399" "5886877" "5929521" "5949412" "6228466" "6335571" "6573598").PN. OR ("6809415").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 12:33

EAST Search History

L10	21	("3881884" "4081601" "4109297" "4289575" "4910094" "5118386" "5169680" "5733466" "6015482" "6041495" "6045713" "6162365" "6210746" "6249053" "6333252" "6334942" "6398935" "6517893" "6717059" "6717069" "6809415").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 12:34
L11	93	427/97.1-98.5.ccls. and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and electroless with plat\$3 not "17"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/17 13:23
S1	22	masashi with gotoh.in. and electronic and via	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 12:40
S2	3	kaoru with kawasaki.in. and electronic and via not S1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 12:41
S3	53	hiroshi with yamamoto.in. and electronic and via not S1 not S2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 12:44
S4	0	mitsuko with nakano.in. and electronic and via not S1 not S2 not S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 12:45
S5	468	laser with (via hole aperture open\$3) and electroless with plat\$3 and (electrode electrolytic) with plat\$3 and (print\$3 wiring circuit) near2 (substrate layer board prepreg) same core with (layer film)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 12:53
S6	314	laser with (via hole aperture open\$3) and (via hole aperture open\$3) with electroless with plat\$3 and (electrode electrolytic) with plat\$3 and (print\$3 wiring circuit) near2 (substrate layer board prepreg) same core with (layer film)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 12:54
S7	253	laser with (via hole aperture open\$3) and (via hole aperture open\$3) with electroless with plat\$3 and (via hole aperture open\$3) with (electrode electrolytic) with plat\$3 and (print\$3 wiring circuit) near2 (substrate layer board prepreg) same core with (layer film)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 13:12

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S8	30	laser with (via hole aperture open\$3) and (via hole aperture open\$3) with electroless with plat\$3 and (via hole aperture open\$3) with (electrode electrolytic) with plat\$3 and (print\$3 wiring circuit) near2 (substrate layer board prepreg) same ((glass adj1 cloth) (glass adj1 fiber) woven core) with (layer film) not S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 17:24
S9	4	("4642160" "4729061" "5191174" "5347712").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 13:16
S10	15	("3319317" "4076575" "4511757" "4642160" "4657778" "4668332" "4729061" "4896464" "4915983" "4935584" "4980270" "5106784" "5108553" "5170245").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 13:17
S11	35	("5347712").URPN.	USPAT	OR	ON	2008/01/15 13:18
S12	21	("3471631" "3725743" "4642160" "5108553" "5243142" "5288541" "5347712" "5416359" "5433000" "5507403" "5544773" "5747358" "5879787" "6000130" "6071597" "6162365" "6251528" "6405431" "6418615" "6565730").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 13:19
S13	10	("4908933" "5022960" "5347712" "5435480" "5438478" "5633069" "5879787" "6358630").PN. OR ("6555208").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:19
S14	20	("3471348" "4052787").PN. OR ("4908933").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:19
S15	50	("3319317" "4076575" "4511757" "4642160" "4657778" "4668332" "4729061" "4896464" "4915983" "4935584" "4980270" "5106784" "5108553" "5170245").PN. OR ("5347712").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:20
S16	43	("3001057" "4412642" "4830264" "5088639" "5129142" "5191174" "5229549").PN. OR ("5435480").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:21

EAST Search History

S17	35	("4323593" "4684446" "4732780" "4861641").PN. OR ("5229549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:22
S18	21	("3471631" "4402998" "4582564" "4642160" "5084124" "5096546" "5347712" "5366814" "5576052" "5709957" "5774340" "6020561" "6119335" "6353188" "6405431").PN. OR ("6803528").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:23
S19	31	("4121007" "4258468" "4348253" "4617730" "5263243" "5393708" "5425816" "5544773" "5578696" "5783482" "5817571" "5826330" "5837618" "5872064" "5880018" "5972482" "6119335").PN. OR ("6405431").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:24
S20	31	("4121007" "4258468" "4348253" "4617730" "5263243" "5393708" "5425816" "5544773" "5578696" "5783482" "5817571" "5826330" "5837618" "5872064" "5880018" "5972482" "6119335").PN. OR ("6405431").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:24
S21	114	("4489364" "4895752" "4912603" "5012047" "5097593" "5132648" "5194713" "5232548" "5243140" "5294754" "5358775" "5367435" "5401909" "5418689" "5424492" "5578525" "5615089").PN. OR ("5774340").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:26

EAST Search History

S22	147	("4442967" "4661192" "4717066" "4750666" "4807021" "4925083" "4937653" "4955523" "4970571" "4984358" "5014111" "5060843" "5074947" "5090119" "5106461" "5116463" "5137845" "5167992" "5172851" "5196371" "5209817" "5237130" "5260234" "5261593" "5275330" "5284796" "5293067" "5294038" "5327010" "5334804" "5346750" "5355283" "5358621" "5364004" "5397921" "5407864" "5424245" "5438477" "5439162" "5447886" "5454161" "5454928" "5475236" "5477933" "5478007" "5483421" "5484647" "5485949" "5487218" "5489804" "5493096" "5508229" "5525065" "5536973" "5542601" "5547740" "5556810" "5556814" "5564181" "5572069" "5576052" "5583073" "5595943" "5599744" "5611140" "5611884" "5613296" "5614114" "5615477" "5619791" "5627405" "5627406" "5633204" "5637920" "5641113" "5645628" "5646067" "5648686" "5654584" "5656858" "5663598" "5665652" "5666008" "5669545" "5674785" "5674787" "5682061" "5686353" "5691041" "5722162" "5723369" "5731223" "5736456" "5739585" "5744827" "5744859" "5757071" "5757081" "5764486" "5774340" "5789271" "5798285" "5801072" "5801447" "5803340" "5804771" "5808360" "5811879" "5813115" "5817541" "5822856" "5834844" "5854507" "5861666" "5863816" "5870289" "5883435" "5925931"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:27
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EAST Search History

S23	40	("3335489" "4121241" "4172004" "4410622" "4556897" "4592802" "4614021" "4721689" "4824802" "4944836" "4956204" "4956313" "4988423" "5151305" "5154949" "5155576" "5179042" "5202579" "5209816" "5219639" "5229257" "5229549" "5305519" "5312775" "5341026" "5345285" "5410381" "5414222" "5418187" "5429995" "5436412" "5440075" "5442238" "5478972" "5486492" "5627345" "5652180").PN. OR ("5946799"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:37
S24	55	("4502210" "4701349" "4740483" "4772571" "4784973" "4851369" "4871691" "4904620" "4944836" "5043300" "5104694" "5141897" "5187120" "5200639" "5209816" "5217756" "5231056" "5270254" "5272666" "5273775" "5288665" "5330921" "5344792").PN. OR ("5834846"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:39
S25	49	("4502210" "4701349" "4740483" "4772571" "4782380" "4784973" "4871691" "4904620" "4944836" "5008217" "5043300" "5104694" "5141897" "5187120" "5200639" "5209816" "5217756" "5231056" "5270254" "5272666" "5273755" "5288665" "5344792").PN. OR ("5652180"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:41

EAST Search History

S26	41	("3335489" "4121241" "4172004" "4410622" "4566897" "4614021" "4721689" "4824802" "4944836" "4956313" "5151305" "5154949" "5155576" "5179042" "5209816" "5219639" "5229257" "5229549" "5414222" "5418187" "5429995" "5436412" "5440075" "5478972" "5486492").PN. OR ("5627345"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:42
S27	0	("2007/0199733").URPN.	USPAT	OR	ON	2008/01/15 15:43
S28	14	("5274912" "5291062" "5367435" "5633072" "5764485" "5839188" "5879787" "6037044").PN. OR ("6586686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:43
S29	14	("20010023532" "20020150673" "20020170827" "20020172019" "20020190378" "20030000840" "20030022013" "20040065960" "5045167" "5246817" "6197182" "6495005" "6506979").PN. OR ("6905589"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:44
S30	8	("4642160" "4729061" "5191174" "5347712").PN. OR ("6590165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:45
S31	8	("4642160" "4729061" "5191174" "5347712").PN. OR ("6590165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:47
S32	93	("3163588" "4551746" "4619741" "4622107" "4622108" "4631117" "4634631" "4642160" "4647508" "4684560" "4718993" "4801999" "4874477" "4897164" "4963697" "4964212").PN. OR ("5108553").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:47
S33	23	("3351702").PN. OR ("4668332"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:51
S34	120	("4030190" "4211603" "4566186").PN. OR ("4642160"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:52
S35	8	("4642160" "5888627" "5972482" "5990003" "6240636" "6378201" "6409869" "6486058").PN. OR ("7251885").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:52

EAST Search History

S36	25	("20020100613" "20020108780" "20020148637" "20040163964" "20050104228" "4642160" "6015520" "6073344" "6077769" "6103619" "6188027" "6211485" "6214716" "6349871" "6493861" "6626196" "6628531" "6630630" "6630743" "6631558" "6631838" "6638690" "6638858" "6703310" "7091124").PN. OR ("7211289"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:53
S37	13	("4933045" "5232548" "5258094" "5263243" "5699613").PN. OR ("6119335"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:07
S38	165	("3648131" "4360142" "4754316" "4906341" "5059553" "5095402" "5137845" "5217922" "5268072" "5293006" "5376584" "5381946" "5424245" "5449314" "5470787" "5503286").PN. OR ("5736456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:10
S39	281	("4574095" "4789648" "4894260" "4985750" "5151168" "5240497").PN. OR ("5674787").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:14
S40	186	("3171762" "3256465" "3343256" "3372070" "3418545" "3445686" "3454835" "3456335" "3462650" "3648131" "3761782" "3796927" "3798513" "3885196" "3959579" "3962052" "3969745" "3982268" "4074342" "4097890" "4104674" "4188709" "4263341" "4275410" "4368503" "4379307" "4467343" "4528072" "4613891" "4670764" "4720738" "4761681" "4765864" "4839309" "4839510" "4862322" "4897708" "4954875" "4978639" "5024966" "5166097" "5198698" "5268326" "5322816" "5420064" "5443661").PN. OR ("5646067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:30

EAST Search History

S41	72	("5104820").PN. OR ("5358621"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:33
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EAST Search History

S42	116	("4955523" "4970571" "4984358" "5074947" "5106461" "5116463" "5137845" "5167992" "5196371" "5209817" "5237130" "5260234" "5261593" "5275330" "5284796" "5293067" "5327010" "5334804" "5346750" "5355283" "5358621" "5397921" "5407864" "5424245" "5438477" "5439162" "5447886" "5454161" "5454928" "5475236" "5477933" "5478007" "5483421" "5484647" "5487218" "5489804" "5493096" "5508229" "5525065" "5536973" "5542601" "5547740" "5556810" "5556814" "5564181" "5572069" "5576052" "5583073" "5595943" "5599744" "5611140" "5611884" "5613296" "5614114" "5615477" "5619791" "5627405" "5627406" "5633204" "5637920" "5641113" "5645628" "5646067" "5648686" "5654584" "5656858" "5663598" "5665652" "5666008" "5669545" "5674785" "5674787" "5682061" "5691041" "5722162" "5723369" "5731223" "5736456" "5739585" "5744859" "5757071" "5757081" "5764486" "5774340" "5789271" "5798285" "5801072" "5801447" "5803340" "5804771" "5808360" "5811879" "5817541" "5822856" "5834844" "5861666" "5863816" "5870289" "5883435" "5925931" "5994222" "6012224" "6013877" "6018196" "6020561" "6037665" "6046909" "6084297" "6084781" "6103552" "6103992" "6127204" "6316830" "6319751" "6403400" "6406939").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:35
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EAST Search History

S43	8	("3953663" "3988408" "4786528" "5350621" "5599611" "6143116").PN. OR ("6409869").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:38
S44	8	("4642160" "5888627" "5972482" "5990003" "6240636" "6378201" "6409869" "6486058").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:38
S45	8	("5888627" "5990003" "6240636" "6378201" "6409869" "6486058").PN. OR ("6698093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:39
S46	31	("4500389" "4504727" "4544442" "4606747" "4642160" "4644130" "4764485" "4789770" "5010232" "5022960" "5087396" "5108785" "5173442" "5317801" "5323520" "5367143" "5378869" "5666722" "5707749" "5830782" "5844200" "5863405" "5959354" "6107003").PN. OR ("6631558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:39
S47	52	("4642160" "4810332" "4816323" "4830706" "4840923" "4897153" "4940508" "4966865" "4983250" "5011580" "5118385").PN. OR ("5227013"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:41
S48	66	("3648131" "4122479" "4467340" "4612083" "4829018" "5122856" "5191405" "5227013" "5229647" "5236871" "5270261").PN. OR ("5489554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:43
S49	5	("5391517" "5674787" "5891513").PN. OR ("6821879"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:45
S50	12	("5391517" "5674787" "5677244" "5747360" "5939788" "6096648" "6159853" "6181012" "6218302" "6268291" "6297158" "6440849").PN. OR ("6649511").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:45

EAST Search History

S51	105	("5071518" "5077005" "5316974" "5354712" "5510651" "5545927" "5549808" "5889317" "5891802" "5893752" "5899740" "5904565" "5917244" "5939789" "5968333" "5969422").PN. OR ("6181012").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:46
S52	25	("5130274" "5789320" "5913144" "5968847" "5969422" "6015749" "6043148" "6090710" "6124198" "6130156" "6181012" "6218734" "6228759" "6287977" "6291334" "6309970" "6333560" "6358848" "6365502" "6365506" "6387805" "6498093" "6518177" "6518668" "6576555").PN. OR ("6943111"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:50
S53	7	("6001461" "6181012").PN. OR ("6417566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:50
S54	4	("6136682" "6181012").PN. OR ("6348732").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:51
S55	51	("5302537" "5391517" "5414301" "5447908" "5545925" "5585300" "5622305" "5668411" "5714418" "5739579" "5744394" "5756390" "5760480" "5849367" "5851367" "5956612").PN. OR ("6136682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 16:52
S56	0	US2003150644	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 18:15
S57	0	US20030367711	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 18:17
S58	1	"20030150644"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/15 18:17

EAST Search History

S59	354	laser with (via hole aperture open\$3) and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) same (then after prior before) same (via hole aperture open\$3) with electroless with plat\$3 and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (print\$3 wiring circuit) near2 (substrate layer board prepreg) with (via hole aperture open\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 11:28
S60	14	("20010023532" "20020150673" "20020170827" "20020172019" "20020190378" "20030000840" "20030022013" "20040065960" "5045167" "5246817" "6197182" "6495005" "6506979").PN. OR ("6905589"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 11:21
S61	15	("3772077" "4167459" "4482596" "4613069" "4908078" "5492863" "5508228" "5830563" "5933713" "6051879" "6093971" "6228678" "6370768").PN. OR ("6492255"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 11:24
S62	141	laser with (via hole aperture open\$3) and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) with (then after prior before follow\$3 next) with (via hole aperture open\$3) with electroless with plat\$3 and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (substrate layer board prepreg) near3 (via hole aperture open\$3) not S59	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 11:41

EAST Search History

S63	160	(first before prior) with (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (second\$2 then after follow\$3 next) with (via hole aperture open\$3) with electroless with plat\$3 and (final\$3 third\$2 then after follow\$3 next last\$2) with (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (substrate layer board prepreg) near3 (via hole aperture open\$3) not S59 not S62	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 15:57
S64	23	("20020014705" "4836883" "5293071" "5451551" "5523626" "5604379" "6083820" "6110648" "6111317" "6218281" "6376353" "6413851" "6445069" "6455408" "6472763" "6479900" "6515372" "6551872" "6569767" "6576381" "6656758" "6656828" "6713381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 11:50
S65	16	("20010014524" "4205099" "4950623" "5137845" "5310699" "5830533" "6093964" "6218281" "6221692" "6297142" "6300250" "6372547" "6440836").PN. OR ("6809020").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 11:55
S66	130	("4153531" "4430167" "5096550" "5209833" "5256565" "5344539" "5447615" "5486282" "5531874" "5536388" "5543032" "5567300" "5567304" "5575706" "5591671" "5660706" "5695810" "5804052").PN. OR ("6143155").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 11:59

EAST Search History

S67	31	(before prior) with (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (then after follow\$3 next) with (via hole aperture open\$3) with electroless with plat\$3 and (then after follow\$3 next) with (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (pregreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 16:10
S68	17	("4680220" "4747897" "4769270" "4937132" "5055321" "5103293" "5208656" "5509200" "5578341" "5652055" "5662987" "5744758" "5827604" "5956843" "6098282" "6127633" "6294744").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 16:07
S69	15	(via hole aperture open\$3) same (bottom first) with (layer part) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (then after follow\$3 next) with (middle second central) with (layer part) with electroless with plat\$3 and (third top last) with (layer part) with (then after follow\$3 next) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (pregreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3) not S67	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 16:37
S70	23	(multi\$1layer multi\$1part (plurality multiple) with (layer part)) with (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (then after follow\$3 next) with (middle second central) with (layer part) with electroless with plat\$3 and (pregreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3) not S67 not S69	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 17:50

EAST Search History

S71	13	("4949219" "5378310" "5415920" "5445994" "5585673" "5851915" "6030855" "6245594" "6259161" "6415974" "6452270" "6476503" "6534726").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 16:40
S72	91	("4339305" "4526631" "4720908" "4789648" "4822753" "4824802" "4873565" "4924295" "4944836" "4956313" "4992135" "5008730" "5055906" "5070391" "5148259" "5169685" "5187119" "5243222" "5300813").PN. OR ("5585673"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 16:42
S73	61	("4291322" "4502210" "4507853" "4532702" "4562640" "4589196").PN. OR ("4720908").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 16:50
S74	75	("4962414").URPN.	USPAT	OR	ON	2008/01/16 17:07
S75	37	("5270254").URPN.	USPAT	OR	ON	2008/01/16 17:11
S76	55	("4720908").URPN.	USPAT	OR	ON	2008/01/16 17:16
S77	5	(multi\$1layer multi\$1part multi\$1section (plurality multiple) near2 (layer part section)) with (via hole aperture open\$3) with (plug\$4 fill\$3) same (((electrode electrolytic electric chemical\$2) with plat\$3) electroplat\$3) and (then after follow\$3 next) with (middle second central) near3 (layer part) with electroless near3 plat\$3 and (prepreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 17:56
S78	85	(via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) near3 plat\$3) electroplat\$3) and (then after follow\$3 next) with (middle second central) near3 (layer part) with electroless near3 plat\$3 and (prepreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3) not S77	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:06
S79	4	("5529954" "5969422" "6197181" "6555171").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 18:02

EAST Search History

S80	226	(via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) near3 plat\$3) electroplat\$3) and (middle second central) near3 (layer part) with electroless near3 plat\$3 and (pregreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3) not S77 not S78	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:38
S81	1795	(via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) near3 plat\$3) electroplat\$3) and (via hole aperture open\$3) with electroless near3 plat\$3 and (pregreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3) not S77 not S78 not S80	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:40
S82	1301	(via hole aperture open\$3) with (fill\$3 plug\$4) and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) near3 plat\$3) electroplat\$3) and (via hole aperture open\$3) with electroless near3 plat\$3 and (pregreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3) not S77 not S78 not S80	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:41
S83	1017	(via hole aperture open\$3) with (fill\$3 plug\$4) and (via hole aperture open\$3) with (((electrode electrolytic electric chemical\$2) near3 plat\$3) electroplat\$3) same (via hole aperture open\$3) with electroless near3 plat\$3 and (pregreg insulat\$3 dielectric silicon si) near3 (layer film sheet substrate board) with (via hole aperture open\$3) not S77 not S78 not S80	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:42
S84	118	S83 and "29"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:45
S85	178	S83 and "174"/\$ not S84	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:51
S86	41	("4692349" "5185292" "5250843" "5275330" "5340947" "5371042").PN. OR ("6077780").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 18:48

EAST Search History

S87	53	S83 and "361"/\$ not S84 not S85	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 18:55
S88	27	("20030160275" "5099305" "5111355" "5187638" "5227855" "5293510" "5369296" "5381302" "5424238" "5443688" "5452178" "5561307" "5612082" "5645887" "5654207" "5665628" "5674787" "5688724" "5918118" "5998250" "6043529" "6147408" "6214728" "6235603" "6291250" "6498094" "6605538").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 18:52
S89	13	("4737051" "4818723" "4966868" "5364817" "5427981").PN. OR ("5645887"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 18:53
S90	364	S83 and "438"/\$ not S84 not S85	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 19:08
S91	35	S83 and "205"/\$ not S84 not S85 not S90	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 19:09
S92	24	S83 and "204"/\$ not S84 not S85 not S90 not S91	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 19:10
S93	27	S83 and "427"/\$ not S84 not S85 not S90 not S91 not S92	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 19:12
S94	85	("4692349" "4793895" "4917759" "4954214" "4970106").PN. OR ("5116463"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/16 19:10
S95	138	S83 and "257"/\$ not S84 not S85 not S90 not S91 not S92 not S93	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/16 19:13